

**Supplement to Sewer Connection Permit Application
BWP IW 38
UMASS Memorial Medical Center - University Campus**

Section B, Item 3: List all sewer connections and their maximum daily flows in gallons per day from your facility going to the POTW

The actual flow for this discharge is not measured. The flow rate was predicted based on the loading factor for hospitals from the DEP regulations, 314 CMR 7.15. The loading factor of 200 gallons per bed was multiplied by the number of beds at the hospital, or 406 beds, to predict the average wastewater discharge. The maximum daily flow rate was calculated as 125% of the predicted average daily discharge. The industrial portion of the flow as assumed to be 10% of the total daily flow.

Section B, Item 6: Check all pollutants that are present in your industrial wastewater before pretreatment, or if not treated, before discharge.

The values presented here are from the analysis of the wastewater grab samples collected on January 31 (analyzed for priority pollutants) and February 25, 2008 (analyzed for total metals).

**Section B, Item 9c and 9d: If you have a written approval, provide the following information:
- Date of Approval Letter, - Name of Person Who Signed the Letter.**

UMass has written approval to discharge from the UBWPAD. Ms. Sharon Lawson, Pretreatment Coordinator, provided the approval on April 3, 2008. The signed approval is attached to the hard copy of this application package for your review.

Section D, Items 1 and 1a: Are you keeping your currently effective sewer discharge permit(s), IWPS plan(s), and current operation and maintenance manual(s) (as applicable) on-site at all times. Explain why you are not keeping these records on-site at all times.

The hospital discharge has not been issued a connection permit by UBWPAD; however, the hospital operates and maintains its existing limestone chip pH neutralization system to comply with UBWPAD general requirements for sanitary discharges to its sewers.

Section D, Items 1, 2 and 2a: Are you keeping all your required records including your wastewater monitoring and analyses records, operation and maintenance records and logs, bills of lading, summary reports of all incidents requiring implementation of the safety plan, and hazardous waste manifests (as applicable) on-site for at least three years. Explain why you are not keeping these records on-site for at least three years.

As noted above, the hospital discharge has not been issued a connection permit by UBWPAD. As a result, wastewater monitoring and analyses are not performed. Records of the operation and maintenance of the limestone chip pH neutralization system are maintained on site for a period of time; however, they are not necessarily retained for at least three years.